PR002

Safety Data Sheet

Product: ArmorTeck 15 **SDS No:** 15-8285A

SECTION 1 GENERAL INFORMATION

PIEDMONT CHEMICAL INDUSTRIES I, LLC
331 BURTON STREET
HIGH POINT, NC 27261

Telephone:	336-885-5131
In case of emergency call chemtrec:	1-800-424-9300
Outside of U.S.A.:	001-703-527-3887
Date:	12/16/2015

SECTION 2 HAZARD(S) IDENTIFICATION

GHS - Classification

Acute Toxicity - Oral (Category 5)
Skin Corrosion/Irritation (Category 1) (Category 1B)
Serious eye damage/ eye irritation (Hazard Category 2)
Sensitization - Skin (Category 1) (Category 1A)
Hazardous To The Aquatic Environment - Acute Hazard (Category 1)
Hazardous To The Aquatic Environment - Long-Term Hazard (Category 1)

Signal Word: **Danger**

Hazard Statement(s)

H303	May be harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic reaction
H331	Toxic if inhaled
H410	Very toxic to aquatic life with long lasting effects

Precautionary Statement(s)

P261	Avoid breathing dust/ mist/ vapours.
P264	Wash hands thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the work place.
P273	Avoid release to the environment.
P280	Wear protective gloves/eye protection/protective clothing.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin/hair with water for at least 15 minutes.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for 15 minutes or more. Remove contact lenses, if present and easy to do. Continue rinsing.
P304 + P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P310	Immediately call a POISON CENTER.
P363	Wash contaminated clothing before reuse.
P501	Dispose of contents in container in accordance with local/state/federal/international regulations.

SECTION 3 COMPOSITION/ INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS#	PERCENTAGE
5-chloro-2-methyl-2H-isothiazol-3-one	26172-55-4	1.14-1.16%
2-methyl-4-isothiazolin-3-one	2682-20-4	0.36-0.44%
Magnesium Chloride	7786-30-3	0.9-1.2%
Magnesium Nitrate	10377-60-3	1.2-2.0%
Copper nitrate hydrate	10031-43-3	.0144-0.16

SPECIFIC CHEMICAL NAME(S) AND CAS NUMBER(S) MAY BE A TRADE SECRET AS ALLOWED BY 29 CFR 1910.1200

SECTION 4 FIRST AID MEASURES

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES,OCCASIONALLY LIFTING EYELIDS. GET MEDICAL ATTENTION.

SKIN: GET MEDICAL ATTENTION. WASH SKIN WITH SOAP AND WATER FOR 15 MIN. REMOVE CLOTHING AND LAUNDER.

INGESTION: IF VICTIM IS CONSCIOUS AND ALERT, GIVE 1-2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION.

INHALATION: IF AFFECTED, REMOVE INDIVIDUAL TO FRESH AIR.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: NA

EXTINGUISHING METHOD USE WATER FOG , WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, FOAM

SPECIAL FIRE FIGHTING PROCEDURES USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

UNUSUAL FIRE FIGHTING PROCEDURES FIREFIGHTERS SHOULD USE SELF-CONTAINED BREATHING APPARATUS.

SECTION 6 ACCIDENTIAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Ensure adequate ventilation. Keep people away from and upwind of spill/leak.

ENVIRONMENTAL PRECAUTIONS: Avoid subsoil penetration. Do not flush into surface water or sanitary sewer system. Advise water authority if spillage has entered water course or drainage system.

METHODS FOR CLEAN UP Use mechanical handling equipment. Soak up with inert absorbent material(e.g. sand, silica gel, acid binder, universal binder, sawdust)

SPILL: VENTILATE AREA, PERSONS PERFORMING CLEAN-UP SHOULD WEAR ADEQUATE PROTECTION EQUIPMENT. CONTAIN MATERIAL BY DIKING THE AREA AROUND THE SPILL. IF THE PRODUCT IS IN A SOLID FORM, SHOVEL DIRECTLY INTO RECOVERY DRUMS. IF THE PRODUCT IS A LIQUID, IT SHOULD BE PICKED UP USING A SUITABLE ABSORBANT MATERIAL, THEN SHOVELED TO RECOVERY DRUMS. IF THE MATERIAL IS RELEASED INTO THE ENVIRONMENT, THE USER SHOULD DETERMINE WHETHER THE SPILL SHOULD BE REPORTED TO THE APPROPRIATE LOCAL, STATE AND FEDERAL AUTHORITIES.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE: MATERIAL SHOULD BE STORED IN ITS OWN CONTAINER AND SHOULD ALWAYS BE KEPT COVERED WHEN NOT IN USE.

SECTION 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

ROUTES OF EXPOSURE ☑ EYES ☑ SKIN ☑ INGESTION ☑ INHALATION

SYMPTOMS OR ACUTE HEALTH HAZARD

EYES: CAUSES SERIOUS EYE DAMAGE

SKIN: CAUSES SEVERE BURNS

INGESTION: MAY CAUSE SEVERE GASTROINTERSTINAL TRACT IRRITATION WITH NAUSEA, VOMITING AND POSSIBLE BURN

INHALATION TOXIC IF INHALED

RESPIRATORY PROTECTION IF NEEDED, USE A NIOSH APPROVED RESPIRATOR.

VENTILATION USE SUFFICIENT MECHANICAL(GENERAL)OR LOCAL EXHAUST.

PROTECTIVE EQUIPMENT ☑ GLOVES ☑ FACESHIELD ☑ APRON ☑ GOGGLES ☑ IMPERVIOUS COVERALLS

WORK/ HYGIENIC PRACTICES AS WITH ALL INDUSTRIAL CHEMICALS, CARE SHOULD BE TAKEN TO AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. HANDS AND UNPROTECTED SKIN SHOULD BE THOROUGHLY WASHED AND CONTAMINATED CLOTHING SHOULD BE CHANGED PRIOR TO ANY DIRECT PERSONAL CONTACT. ALL EXPOSED CLOTHING SHOULD BE LAUNDERED PER NORMAL CARE INSTRUCTIONS BEFORE REUSE

EXPOSURE LIMITS	LIMITS
5-chloro-2-methyl-2H-isothiazol-3-one	N.D.
2-methyl-4-isothiazolin-3-one	N.D.
Magnesium Chloride	N.D.
Magnesium Nitrate	N.D.
Copper nitrate hydrate	N.D

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

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Product: ArmorTeck 15 **SDS No:** 15-8285A

PH:	2.0-5.0	AS IS	**Evaporation Rate:**	<1.0
SOLUBILITY:	SOLUBLE		**Vapor Pressure:**	NO DATA
SPECIFIC GRAVITY	N.D.		**Vapor Density:**	0.3 AIR=1
APPEARANCE:	LIGHT BLUE TO LIGHT GREEN LIQUID		**Auto Ignition Temperature:**	NA
Bod:	NO DATA		**LEL:**	NA
Cod:	NO DATA		**UEL:**	NA
Odor:	MILD		**VOC:**	NO DATA
OdorThreshold:	NO DATA		**FlashPoint:**	NA
MeltingPoint:	-3C -26.6F			
BoilingPoint:	100C 212F			

SECTION 10 STABILITY AND REACTIVITY

STABILITY:	STABLE
HAZARDOUS POLYMERIZATION	WILL NOT OCCUR
DECOMPOSITION PRODUCTS	OXIDES OF NITROGEN, SULFUR DIOXIDES
CONDITIONS AND MATERIALS TO AVOID	NOT ESTABLISHED

SECTION 11 TOXICOLOGICAL INFORMATION

ACUTE TOXICITY	RAT, FEMALE LD50 ORAL=3,310MG/KG,RAT, MALE LD50 ORAL= >5,000MG/KG, RABBITLD50 DERMAL=>5,000MG/KG, RA
Chronic Toxicity:	NO DATA
Carcinogenicity:	NONE
Target Organ Effects:	NO DATA

This product has not yet been tested. The information is dervied from the properties of the individual components.

SECTION 12 ECOLOGICAL INFORMATION

Ecotoxicity:	LC50 RAINBOW TROUT 96H 0.19MG/L, LC50 BLUEGILL SUNFISH 96H 0.28MG/L
Persistence Degradability:	NO DATA
Bioaccumulation:	NO DATA
Mobility:	NO DATA

This product has not yet been tested. The information is dervied from the properties of the individual components.

SECTION 13 DISPOSAL CONSIDERATIONS

Disposal of this product should be made in accordance with federal state and local regulations.

SECTION 14 TRANSPORT INFORMATION

TRANSPORTATION: UN 2922CORROSIVE LIQUID TOXIC, N.O.S. (5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE) 8 (6.1) PGII

SECTION 15 REGULATORY DATA

TITLE III-SARA: THE FOLLOWING DATA IS BEING SUPPLIED IN COMPLIANCE WITH TITLE III SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) PART 313 AND 40 CFR 372
THIS PRODUCT DOES NOT CONTAIN ANY CHEMICALS FOUND ON THE SARA LIST IN 40 CFR 372 ABOVE THE DE MINIMUS

CALIFORNIA PROPOSITION 65 CONTAINS NO MATERIALS KNOWN TO BE ON THE CALIFORNIA PROPOSITION 65 LIST.

SECTION 16 OTHER INFORMATION

Large Spill: See the Table of initial isolation and Protective Action Distances for highlighted substances. For non-highlighted substances, increase, in the downwind direction, as necessary, the isolation distance shown under "PUBLIC SAFETY".

Fire: If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

ND = NOT DETERMINED NA = NOT APPLICABLE

DISCLAIMER

THE INFORMATION GIVEN HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE WHETHER ORIGINATING WITH THIS COMPANY OR NOT. THE INFORMATION IS OFFERED SOLELY FOR YOUR CONSIDERATION. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT AND SUITABLE FOR THEIR NEEDS.

End of SDS